

# **ENGINEERING CHANGE NOTICE** **DART AEROSPACE LTD**

|  |                     |   |                                 |                |
|--|---------------------|---|---------------------------------|----------------|
| Date: 11.09.21                             | Job No.: ENG2105SEP | ADR Yes/No: <input checked="" type="checkbox"/> N | ADR Date: N/A                   | ECN #: 11- 637 |
| Product No.: D4002-041/-043 (D350-794-041) |                     | Created By: <i>[Signature]</i>                    | Approved By: <i>[Signature]</i> |                |
| Product Name: HOSE ASSEMBLY (AUX. TANK)    |                     | Checked By: <i>[Signature]</i>                    |                                 |                |

| Distribution                  | Reqd | Resp  | Initial / Date              |
|-------------------------------|------|-------|-----------------------------|
| Production Manager / Coord.   | Y    | LL/MF | <i>[Signature]</i> 11-04-22 |
| Purchasing Coord.             | Y    | CL    | <i>[Signature]</i> 11-09-22 |
| Production Engineering Coord. | Y    | EC/DD | <i>[Signature]</i> 11.09.22 |
|                               |      |       |                             |

| Distribution               | Reqd | Resp | Initial / Date              |
|----------------------------|------|------|-----------------------------|
| DQA / QA Coord.            | N    |      |                             |
| QC Coordinator             | Y    | ED   | <i>[Signature]</i> 11.09.22 |
| Customer Technical Support | Y    | DS   | <i>[Signature]</i> 11.10.04 |
| Marketing                  | N    |      |                             |
| Customer Order Processing  | N    |      |                             |

**Reason for Change:**  
UPDATED D4002-041/-043/-1/-3 PER PAR11-123.

**Documents Affected:**  
RELEASE D4002 REV. C

**PARTS MUST COMPLY** ☐ **PREVIOUS PARTS SATISFACTORY** ☒

| # | Quality Assurance Actions | Reqd | Resp | Notes | Complete |
|---|---------------------------|------|------|-------|----------|
| 1 | Notify Previous Customers | N    |      |       |          |
| 2 | Notify Eurocopter France  | N    |      |       |          |
| 3 |                           |      |      |       |          |

| # | Engineering Actions                      | Reqd | Resp | Notes                              | Complete                    |
|---|--|------|------|------------------------------------|-----------------------------|
| 4 | Required Documents/Drawings Under Review | Y    | MB   | ONLY AFFECTED D4002-041/-043/-1/-3 | 11.09.22 <i>[Signature]</i> |
| 5 | Update Master Document List (MDL)        | N    |      |                                    |                             |
| 6 | Update Product Compatibility Matrix      | N    |      |                                    |                             |
| 7 | Create Eurocopter Form (FEE)             | N    |      |                                    |                             |
| 8 | Notify TC / FAA of Change                | N    |      |                                    |                             |
| 9 |  |      |      |                                    |                             |

| #  | Document Control Actions                                | Reqd | Resp | Notes                                      | Complete                    |
|----|---|------|------|--|-----------------------------|
| 10 | Move Electronic Files/Design Journal                    | Y    | KJ   |  | 11.09.22 <i>[Signature]</i> |
| 11 | Update Product Specification Files                      | N    |      |  |                             |
| 12 | Update Approved/Preliminary Dwg PDF Files               | Y    | KJ   | MOVE D4002-PC1 TO SUPERSEDED               | 11.09.22 <i>[Signature]</i> |
| 13 | Update Document Record (DR)                             | N    |      |  |                             |
| 14 | Update Product Development Summary                      | N    |      |  |                             |
| 15 | Update QSI 021 and/or STC Approval List                 | N    |      |  |                             |
| 16 | Update Parts / STC Database                             | N    |      |  |                             |
| 17 | Update / Verify ARC Database                            | N    |      |  |                             |
| 18 | Create / Update Change Record Form / Item Card Database | Y    | KJ   | D350-794-011/-041 & D130-794-021 @ CHG 003 | 11.09.22 <i>[Signature]</i> |
| 19 | Create / Update PPP's                                   | Y    | KJ   | AS REQUIRED                                | 11.09.22 <i>[Signature]</i> |
| 20 | Red Decals required?                                    | Y    | KJ   | AS REQUIRED                                | 11.09.22 <i>[Signature]</i> |
| 21 | Update Document Control Database / Laminated Dwgs       | N    |      |  |                             |
| 22 | Update Grey Project / Electronic Binder PDF Files       | N    |      |  |                             |
| 23 | Update D-Part/M-Drawing/DSI/DEO Master Binders          | Y    | KJ   |  | 11.09.22 <i>[Signature]</i> |
| 24 |   |      |      |  |                             |

**Description / Action:**  
Once upon a time, the D4002-041/-043 Hose Assemblies were not long enough for installation of D350-794-011 Tank into an aircraft equipped with Eurocopter Squirrel Cheeks. Eurocopter Canada approached DART to advise them of the situation (see Chapter 1 - PAR11-123) which prompted the revision of D4002 drawing from Rev. B to Rev. C which is the object of this ECN. Much to their chagrin, the short D4002-041/-042 Hose Assemblies DART had in stock were immediately quarantined and can still be shipped to customers who are purchasing D350-794-011 or D130-794-021 if the kits are to be installed in aircraft not equipped with Eurocopter Squirrel Cheeks because officially, they are not compatible with Squirrel Cheeks yet. Therefore, the Change Number of D350-794-011/-041 and D130-794-041 might not be affected by this ECN. However, all D350-794-011/-041 and D130-794-021 completed with D4002-041/-043 at Rev. C WILL go up by one Change Number as stated in Item 18 above. PEC's are now asked to complete this story by updating the Routing/BOM of D4002-1/-3 for procurement of longer hoses iaw D4002 Rev. C and amend Routings/BOMs of D350-794-011/-041 and D130-794-021 with a warning about the Change Number to ensure DART ships aforementioned kits with correct Change Number until depletion of D4002-041/-043 Hose Assemblies at Rev. B. In the mean time, Stores should stock D4002-041/-043 Rev. B with note & red tag indicating to use on tanks without Squirrel Cheeks.

ECN Verified & Complete: *[Signature]*

Date: 11/10/04